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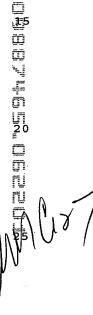
## What is claimed is:

- 1. A method for treating arteriosclerosis in a mammal comprising administering an effective dose of one or more of the following primary agents to a mammal in need thereof:
  - a) acetaminophen;
  - b) a pharmaceutically acceptable salt of acetaminophen;
  - c) a pharmaceutically acceptable isomer of acetaminophen;
  - d) a pharmaceutically acceptable ester of acetaminophen;
  - e) a pharmaceutically acceptable ether of acetaminophen;
  - f) a prodrug of acetaminophen; or
  - g) mixtures thereof.
- 2. The method of claim 1 wherein the amount of acetaminophen in the dose is greater than or equal to about 0.14 mg/kg of body mass of the mammal and is less than or equal to about 57 mg/kg of body mass of the mammal.
- 3. The method of claim 2, wherein the dose further comprises an effective amount of a secondary agent for the treatment of arteriosclerosis or coronary disease selected from the group consisting of cholesterol lowering agents, antioxidants, antiplatelet agents, cholesterol-absorption-inhibitors, and mixtures thereof.
- 4. The method of claim 3 wherein the cholesterol-lowering agents are selected from the group consisting of statins, filtrates, niacin, and mixtures thereof.
- 5. The method of claim 3 wherein the antioxidant agents are selected from the group consisting of vitamin E, vitamin C, and mixtures thereof.
- 6. The method of claim 3 wherein the antiplatelet agents are selected from aspirin, Itallib inhibitors, and mixtures thereof.
- 7. The method of claim 3 wherein the cholesterol-absorption inhibitors include stanol fatty acid esters, soy, and derivatives and mixtures thereof.
- 8. The method of claim 3 wherein the second active ingredient is a statin.

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- 9. The method of claim 3 wherein the second active ingredient is atorvastatin.
- 10. A method for treating atherosclerosis in a mammal comprising administering an effective dose of one or more of the following primary agents to a mammal in need thereof:
  - a) acetaminophen;
  - b) a pharmaceutically acceptable salt of acetaminophen;
  - c) a pharmaceutically acceptable isomer of acetaminophen;
  - d) a pharmaceutically acceptable ester of acetaminophen;
  - e) a pharmaceutically acceptable ether of acetaminophen;
  - f) a prodrug of acetaminophen; or
  - g) mixtures thereof.
- 11. The method of claim 10 wherein the amount of acetaminophen in the dose is greater than or equal to about 0.14 mg/kg of body mass of the mammal and is less than or equal to about 57 mg/kg of body mass of the mammal.
- 12. The method of claim 10, wherein the dose further comprises an effective amount of a secondary agent for the treatment of atherosclerosis selected from the group consisting of cholesterol lowering agents, antioxidants, antiplatelets, cholesterol-absorption inhibitors, and mixtures thereof.
- 13. The method of claim 12 wherein the cholesterol lowering agents are selected from the group consisting of statins, filtrates, niacin, and mixtures thereof.
- 14. The method of claim 12 wherein the antioxidant agents are selected from the group consisting of vitamin E, vitamin C, and mixtures thereof.
- 15. The method of claim 12 wherein the antiplatelet agents are selected from the group consisting of aspirin, IIaIIIb inhibitors, and mixtures thereof.
- The method of claim 12 wherein the cholesterol-absorption inhibitors are selected from the group consisting of stanol fatty acid esters, soy, and derivatives and mixtures thereof.

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- 17. The method of claim 12 wherein the secondary agent is a statin.
- 18. The method of claim 12 wherein the secondary agent is atorvastatin.
- 19. A composition comprising:
  - A) one or more of the following primary agents:
    - 1) acetaminophen;
    - 2) a pharmaceutically acceptable salt of acetaminophen;
    - 3) a pharmaceutically acceptable isomer of acetaminophen;
    - 4) a pharmaceutically acceptable ester of acetaminophen;
    - 5) a pharmaceutically acceptable ether of acetaminophen;
    - 6) a prodrug of acetaminophen; or
    - 7) mixtures thereof;

in an amount effective for treating arteriosclerosis; and

- B) a secondary agent selected from the group consisting of statins, sitostanols, sitosterols, aspirin, and mixtures thereof.
- 20. The composition of claim 19 wherein the amount of acetaminophen in the composition is greater than or equal to about 0.14 mg/kg of body mass of the mammal and is less than or equal to about 57 mg/kg of body mass of the mammal.
- 21. A composition comprising:
  - A) one or more of the following primary agents:
    - 1) acetaminophen;
    - 2) a pharmaceutically acceptable salt of acetaminophen;
    - 3) a pharmaceutically acceptable isomer of acetaminophen;
    - 4) a pharmaceutically acceptable ester of acetaminophen;
    - 5) a pharmaceutically acceptable ether of acetaminophen;
    - 6) a prodrug of acetaminophen; or
    - 7) mixtures thereof;

in an amount effective for treating atherosclerosis and

B) a secondary agent selected from the group consisting of statins, sitostanols, sitosterols, aspirin, and mixtures thereof.

- 22. The composition of claim 21 wherein the amount of acetaminophen in the composition is greater than or equal toabout 0.14 mg/kg of body mass of the mammal and is less than or equal to about 57 mg/kg of body mass of the mammal.
- 23. A method for preventing atherosclerosis in a mammal comprising administering an effective dose of one or more of the following primary agents to a mammal in need thereof:
  - a) acetaminophen;
  - b) a pharmaceutically acceptable salt of acetaminophen;
  - c) a pharmaceutically acceptable isomer of acetaminophen;
  - d) a pharmaceutically acceptable ester of acetaminophen;
  - e) a pharmaceutically acceptable ether of acetaminophen;
  - f) a prodrug of acetaminophen; or
  - g) mixtures thereof.
- 24. The method of claim 23 wherein the amount of acetaminophen in the dose is greater than or equal to about 0.14 mg/kg of body mass of the mammal and is less than or equal to about 57 mg/kg of body mass of the mammal.
- 25. A method for regressing atherosclerosis in a mammal comprising administering an effective dose of one or more of the following primary agents to a mammal in need thereof:
  - a) acetaminophen;
  - b) a pharmaceutically acceptable salt of acetaminophen;
  - c) a pharmaceutically acceptable isomer of acetaminophen;
  - d) a pharmaceutically acceptable ester of acetaminophen;
  - e) a pharmaceutically acceptable ether of acetaminophen;
  - f) a prodrug of acetarninophen; or
  - g) mixtures thereof.
- 26. The method of claim 25 wherein the amount of acetaminophen in the dose is greater than or equal to about 0.14 mg/kg of body mass of the mammal and is less than or equal to about 57 kg/mg of body mass of the mammal.